



03-21-05

IFW #

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl No.	:	10/828,844	Confirmation No.	5306
Applicant	:	Charles W. Alvord		
Filed	:	04/21/2004		
TC/A.U.	:	1753		
Examiner	:	Jeffrey Thomas Barton		
Docket No.	:	30392.00		
Customer No.	:	22465		
Assignee	:	Molecular Technologies, Inc.		
Title	:	Solid-State Beta Detector for Microfluidic Devices		
Express Mail	:	EV 456504455 US		

Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

**RESPONSE TO PAPER NUMBER 20041208
MAILED DECEMBER 14, 2004**

Sir:

In response to the Office action of December 14, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 14 of this paper.